


Since 1874

• CONNECTICUT VALLEY •
MANUFACTURING CO.
I N C O R P O R A T E D

WOOD BORING
TOOLS

C A T A L O G

N o. 11

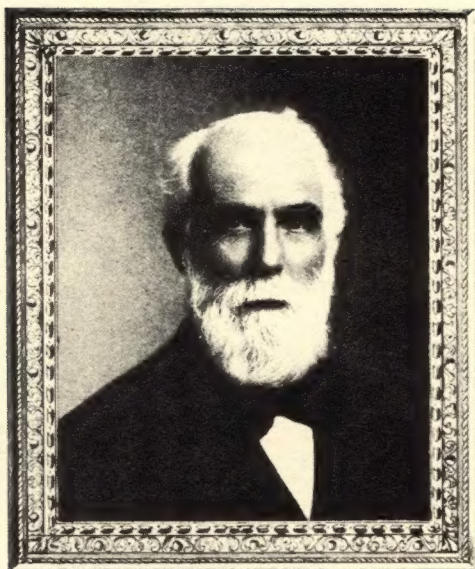


WOOD BORING TOOLS HARDWARE SPECIALTIES



CATALOG NO. 11

THE CONNECTICUT VALLEY MFG. CO.
CENTERBROOK CONNECTICUT, U. S. A.



ALFRED M. WRIGHT

SINCE 1874

EVERY business is the result of some ones planning and labor. The Connecticut Valley Manufacturing Company represents the results of the labor of the Wright family for three generations.

We believe that the planning, labor and ideals on which this company was started and rigidly adhered to, is what makes possible the title of this foreword. Since 1874 the Connecticut Valley Manufacturing Company has been managed by a family of New England artisans of the type that has made this section famous for its products and its craftsmen.

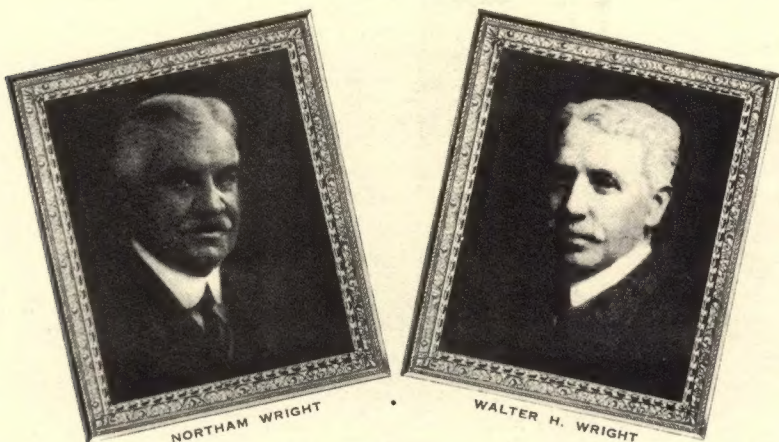
This business was built on a family pride in doing better what others did well. It was built and is now operated on a policy that is as much a part of the products as the material of which they are made.

In the early days of this company that policy would not allow an auger bit to leave the factory until some member of the family decided that it was worthy of the name it bore. That same policy has held through the years and today not a bit is shipped until some member of the Wright family has inspected it and passed it for shipment.

Alfred M. Wright was one of the original firm. Mr. Wright, invalided

home from the Civil War, became a member of the firm in 1866. In 1874 the company was incorporated under the present name. Alfred Wright continued as president until his death in 1906. He was largely responsible for the sound foundation on which this company was built.

Alfred M. Wright was succeeded by his sons, Walter H. Wright and Northam Wright who operated the business on the basis laid down by their father for a number of years. They in turn were succeeded by the third generation of Wrights to run the business, Alfred R. and Martin W., sons of Walter H. Wright and Northam L., son of Northam Wright.



The company policy today is as it always has been, to manufacture tools of high quality, tools worthy to bear the name of the makers. That this policy is the best one is attested by the support given this company by buyers all over the country. This is still a family business. It is still a matter of family pride that the reputation built over the years shall be maintained. Most of the employees of this company share that pride. They make the products and have been making them for many years. Many of them own homes. It is their life work to make tools of which they too may be proud. It is due, in a great measure, to their pride of craftsmanship that this company has been able to build the reputation on which we all have thrived.

Before the incorporation of the company in 1874, and for some time thereafter, the principal products were the various types of auger bits, gimlet bits and special augers of several kinds, many of which were hand forged. About 1890 Alfred Wright decided there was a real need for a good expansive bit. From that time on the company has tried earnestly to furnish the best expansive bits to be had. The Clark type expansive bit has stood the test

of time and the company is making this bit as nearly as is possible to the original design.

In 1913 the Company developed and patented a cross-feed expansive bit and named it the Wright Expansive Bit. This bit has all the best features of the Clark Expansive Bit and in addition has the cross-feed adjustment of the cutter which allows micrometer setting for size of hole desired and prevents slipping of cutter. Other features make this the easiest bit of its type with which to bore.

The company has recently developed a counterbore and a plug cutter for making bungs and a countersink for use with wood screws. These are also of the same outstanding quality as are all Wright made tools.

We guarantee every tool bearing the name of Connecticut Valley Manufacturing Company to be free from defects of material or workmanship.

It is with real pleasure that we offer you this new catalog, which illustrates our complete line, with the keen realization that to you, the buyers of our products since 1874, we owe our thanks for your support these many years.

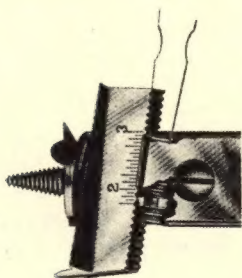
Alfred R. Wright,
President

Martin A. Wright
Secretary

Nathan L. Wright
Treasurer

CLARK and WRIGHT EXPANSIVE BITS

HOW THEY ARE MADE



Our Clark Expansive Bits and our Wright Expansive Bits are still made practically the same as the original models, as we are convinced that no better construction has been developed.

All the steel used in these two expansive bits is made to our special formula. This is a chrome carbon steel developed to give the necessary toughness to withstand hard use. Our cutter steel is all rolled by one mill with our own special rolls and

made to our formula. This insures uniform, high quality steel. The basis of good tools is thus assured.

The screw tips of our Clark and Wright Expansive Bits are milled out of solid stock instead of being friction cut which is common practice. By milling the threads we secure a good smooth screw point that draws the bit into the wood easily without undue effort. The shank is "necked" or made smaller where the round part joins the squared section. This is done to prevent the jaws of the bit brace gripping the round shank.

We polish our bits to a mirror-like finish. Our men doing this work have been on the job for many years and have acquired a skill that is unusual. This high polish retards rusting.

Extra cutters permit boring holes up to 5 inches in diameter. The economy of the expansive bit is demonstrated by the fact that two expansive bits with extra cutters will bore holes from $\frac{1}{2}$ inch to five inches in diameter — each bit boring *any* size hole within its capacity. Thus two expansive bits replace the necessity of buying and carrying around a number of ordinary bits. This makes expansive bits a real economy.

Every bit is inspected by a member of the Wright family. After inspection each bit is carefully oiled and wrapped in rust-preventing paper. Each Wright bit is placed in a leatherette case with snap flap and placed in individual boxes. Six of these boxes are packed in a carton which is our standard package.

From start to finish — from steel to polishing and packing — every step is taken with but one thought — to do better what others do well.

WRIGHT PATENT EXPANSIVE BITS

Micrometer

Adjustment



The effectiveness of an expansive bit depends on two factors — first, the cutter must not slip or creep; second, the cutting edge of the cutter must be properly shaped to make cutting easy.

It is these two factors that make the Wright Expansive Bit superior. The cutter meshes with a cross-feed screw which is firmly held in the plate or gib, which, when screwed down, cannot be moved. The lateral adjustment to size desired is made by turning cross-feed screw with a screw driver.

The cutter itself is of special construction. It has a uniform bevel or cutting edge its entire length. This is made possible by a special device that mills on a curve. This important feature makes for easy cutting.

The thread tips are, as described on the previous page, milled from solid stock. These factors make The Wright Expansive Bit the strongest as well as the easiest boring tool of its type, on the market.

No. 10 or Large Bit has No. 3 and 4 Cutters, bores from
 $\frac{7}{8}$ to 3 inches - - - - - Per Dozen \$26.00

No. 20 or Small Bit has No. 1 and 2 Cutters, bores from
 $\frac{5}{8}$ to $1\frac{3}{4}$ inches - - - - - " 22.00

Weight Per Dozen: Large Size, 9 lbs.; Small Size, 5 lbs.

No. 1 Cutter, bores $\frac{5}{8}$ to $1\frac{1}{8}$ inches, - - - - -	Per Dozen, \$3.00
2 Cutter, bores $1\frac{1}{8}$ to $1\frac{3}{4}$ " - - - - -	" 3.75
3 Cutter, bores $\frac{7}{8}$ to $1\frac{3}{4}$ " - - - - -	" 5.25
4 Cutter, bores $1\frac{3}{4}$ to 3 " - - - - -	" 6.00
5 Cutter, bores 3 to 4 " - - - - -	" 9.00
6 Cutter, bores 4 to 5 " - - - - -	" 12.00
Cap with adjusting screw, - - - - -	" 6.00

Each Wright Expansive Bit is packed in an individual leatherette case, in addition to the individual box.

WRIGHT PATENT EXPANSIVE MACHINE BITS



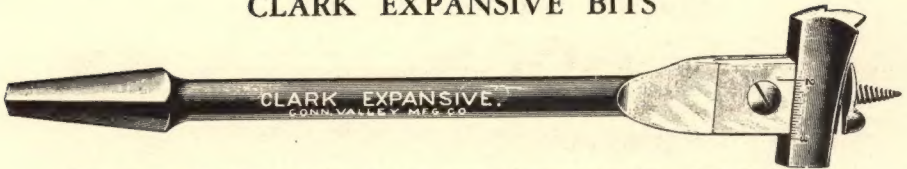
No. 110 or Large Size has No. 3 and 4 Cutters, bores
 $\frac{7}{8}$ to 3 inches - - - - - Per Dozen \$26.00

No. 120 or Small Size has No. 1 and 2 Cutters, bores
 $\frac{5}{8}$ to $1\frac{3}{4}$ inches - - - - - " 22.00

These Bits have a turned Shank $2\frac{1}{2}$ inches by $\frac{1}{2}$ inch diameter and can be furnished with special screw point or a diamond point.

Cutters and Parts for Wright Expansive and Wright Expansive Machine Bits, are interchangeable.

CLARK EXPANSIVE BITS



The name "Clark" is given to that type of expansive bit which holds the cutter with a plate or gib without teeth. We are the oldest makers of this type expansive bit and closely follow the original design. The construction of our Clark Expansive Bits gives the best result to the users. Our Clark Expansive Bits have a spur on the head of the bit to cut the circle of wood that the bit itself bores. This makes it easier to bore the hole.

In construction, as regards material, workmanship, thread tip, necked shank and polish, our Clark Expansive Bits parallel our Wright Expansive Bits.

No. 1 or Large Bit has No. 3 and 4 Cutters, bores from $\frac{7}{8}$ to 3 inches - - - - - Per Dozen \$26.00

No. 2 or Small Bit has No. 1 and 2 Cutters, bores from $\frac{1}{2}$ to $1\frac{1}{2}$ inches - - - - - " 18.00

Weight Per Dozen: Large Size, 8 lbs.; Small Size, 3 lbs.

No. 1 Cutter, bores $\frac{1}{2}$ to $\frac{7}{8}$ inches, - - - - - Per Dozen, \$3.00

2 Cutter, bores $\frac{7}{8}$ to $1\frac{1}{2}$ " - - - - - " 3.75

3 Cutter, bores $\frac{7}{8}$ to $1\frac{3}{4}$ " - - - - - " 5.25

4 Cutter, bores $1\frac{3}{4}$ to 3 " - - - - - " 6.00

5 Cutter, bores 3 to 4 " - - - - - " 9.00

6 Cutter, bores 4 to 5 " - - - - - " 12.00

7 Cutter, bores 5 to 6 " - - - - - " 15.00

CLARK DOWEL EXPANSIVE BITS



Especially designed for Plumbers use.

No. 3 Large Size bores $\frac{7}{8}$ to 3 inches. Bit 5 inches long Per Dozen \$26.00

No. 4 Small Size bores $\frac{1}{2}$ to $1\frac{1}{2}$ inches. Bit $4\frac{1}{2}$ inches long " 18.00

Weight: Large Size 5 lbs. Per Dozen; Small Size 2 lbs. Per Dozen

Same cutters and parts are used in regular Clark and Clark dowel bits.

MEDIUM CLARK EXPANSIVE BIT



Made especially for general and household use.

No. $1\frac{1}{2}$ has No. $1\frac{1}{2}$ and $2\frac{1}{2}$ cutters, bores from $\frac{5}{8}$ to 2 inches - - - - - Per Dozen \$22.00

Weight per dozen $4\frac{1}{2}$ lbs.

No. $1\frac{1}{2}$ Cutter, bores $\frac{5}{8}$ to $1\frac{1}{8}$ inches - - - - - " 4.00

No. $2\frac{1}{2}$ Cutter, bores $1\frac{1}{8}$ to 2 inches - - - - - " 5.00

WRIGHT'S JENNINGS BITS No. 30



Wright's Jennings Bits are made of our special formula steel. They are all carefully twisted by hand and are sized by being turned in lathes and will bore accurately the size hole indicated on the bit. They bore a smooth hole because, from thread tip to finish, they are made to do their job right. There is no chance of chips blocking hole as the throat or hollow is properly shaped and highly polished to permit free passage of the chips. The cutting lips are hand sharpened to give a fine cutting edge.

Wright's Jennings Bits enjoy a fine reputation built up over many years of use.

MANUFACTURER'S STANDARD LIST PER DOZEN

Nos.	3	4	5	6	7	8	9	10	11	12	13-16
	\$6.00	5.00	5.00	5.00	5.00	5.00	6.00	6.00	7.00	7.00	8.25
	14	15	16	17	18	19	20	21	22	23	24-16
	\$8.25	9.50	9.50	12.00	12.00	14.00	14.00	16.00	16.00	18.00	18.00

WRIGHT'S JENNINGS CAR BITS No. 30



12 inch twist. 18 inches over all.

MANUFACTURER'S STANDARD LIST PER DOZEN

Nos.	4	5	6	7	8	9	10	11-16
	\$11.25	11.25	11.25	11.25	11.25	12.50	13.75	15.00
	12	13	14	15	16	17	18	20-16
	\$16.25	17.50	19.00	20.50	22.00	24.00	26.00	30.00

WRIGHT'S JENNINGS DOWEL BITS No. 30

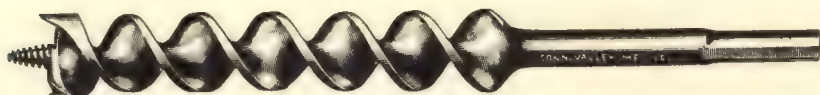


5 inches over all.

MANUFACTURER'S STANDARD LIST PER DOZEN

Nos.	4	5	6	7	8
	\$5.00	5.00	5.00	5.00	5.00

WRIGHT'S JENNINGS ELECTRIC DRILL BITS No. 35



These bits are made from our special formula carbon steel to give necessary toughness to stand the rough use to which they will be subjected. On sizes from 4/16 to 9/16 inch the regular double thread is used. On the larger sizes a special single thread is used to decrease speed of cutting. The shank is machined true with point and sizes above 1/2 inch have three flats to insure a firm, true grip in chuck jaws.

For sizes and list prices see our Jennings Bit List No. 30.

WRIGHT'S SOLID CENTER BITS No. 60



These bits are the equal in quality to any of the same type on the market today. They carry the same assurance as our other bits of value for the money. They are well polished and each one is accurate as to markings for hole bored. They are packed 6 bits to a box.

WRIGHT SOLID CENTER AUGER BIT LIST PER DOZEN

Nos.	3	4	5	6	7	8	9	10	11	12	13-16
	\$4.50	4.00	4.00	4.00	4.50	5.00	5.50	6.00	7.00	7.00	8.00
	14	15	16	17	18	19	20	21	22	23	24-16
	\$8.00	9.00	9.00	10.50	10.50	12.00	12.00	13.50	13.50	15.00	15.00

WRIGHT'S SOLID CENTER CAR BITS No. 60

12 inch twist — 18 inches overall



For use by electricians, linemen and on rough construction work or where deeper holes are desired.

WRIGHT'S SOLID CENTER CAR BIT LIST PER DOZEN

Nos.	4	5	6	7	8	9	10	11-16
	\$9.00	9.00	9.00	10.00	11.25	12.50	13.75	15.00
	12	13	14	15	16	17	18	20-16
	\$16.25	17.50	19.00	20.50	22.00	24.00	26.00	30.00

RAPID BORING ELECTRICIAN'S AUGER BITS No.70



All our electrician's bits are made of special alloy steel; have a very large point with coarse screw for hard fast boring, only nine turns to bore one inch. Has red shank to designate this style of bit.

Regular length 10 inches over-all

Nos.	PER DOZEN		
	10	11	12-16
	\$6.00	7.00	7.00

RAPID BORING ELECTRICIAN'S CAR BITS No. 70



Exactly the same fast boring bit as that listed above except for length — 12 inch twist and 18 inches overall.

Nos.	PER DOZEN		
	10	11	12-16
	\$13.75	15.00	16.25

RAPID BORING ELECTRICIAN'S DOWEL BITS No.70



6 inches overall

Nos.	PER DOZEN		
	10	11	12-16
	\$6.00	7.00	7.00

SUPERIOR BRACE SCREW-DRIVER BITS No. 40



Made of special analysis steel. Points are shaped concave to accurately fit screw slot and prevent slipping. Highly polished and accurately sized.

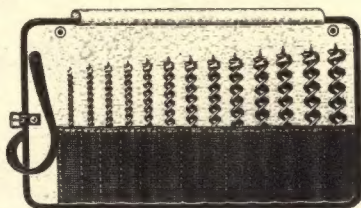
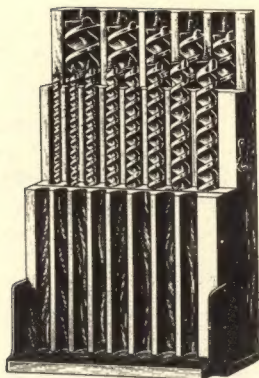
Size, No.	- - - -	0	1	2	3	4
Width of point	- - -	1/4	5-16	3/8	1/2	5/8 in.
List, per dozen,	- - -	\$2.00	3.00	3.00	4.00	5.00
List, per dozen, assorted	(2 No. 0, 4 No. 1, 4 No. 2, 2 No. 3)					3.00

CONN. VALLEY BRACE SCREW-DRIVER BITS



Assorted, One Dozen in a box. Highly Polished
Net Price as Per Discount Sheet.

WRIGHT'S AUGER BIT SETS

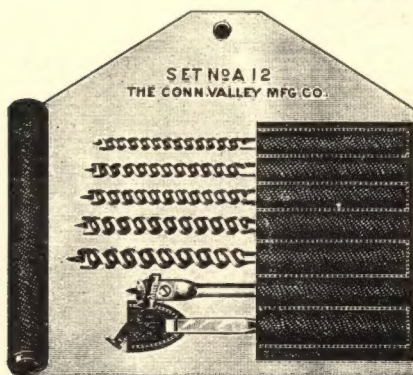


We offer these sets in a number of combinations of sufficient variation, as listed below, to meet all requirements, made up of Wright's Jennings Bits and also Wright's Solid Center Bits. All sets as listed are packed in plain wood or paper boxes. Sets also packed in upright fancy case or in heavy canvas rolls as shown above. Prices of cases and rolls on request.

Quar.	Wright Jennings Per Set	Wright Solid Cen.	Assortment
32 1/2	\$7.50	\$6.75	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, and 16, one each.
25 1/2	6.00	5.50	4, 5, 6, 7, 8, 9, 10, 11, 12, 14, and 16, one each.
20 1/2	4.90	4.30	4, 5, 6, 7, 8, 10, 12, 14, and 16, one each.
18 3/4	4.50	4.00	4, 5, 6, 8, 10, 12, 14, and 16, one each
18	4.50	4.00	4, 5, 6, 7, 8, 9, 10, 11, and 12, one each.
17 1/2	4.00	3.70	4, 6, 8, 10, 12, 14, and 16, one each.
15 1/4	3.75	3.35	4, 5, 6, 8, 10, 12, and 16, one each
14	3.35	3.00	4, 6, 8, 10, 12, and 16, one each
11 1/4	3.00	2.60	4, 5, 6, 8, 10, and 12, one each.

WRIGHT'S COMBINATION SETS

In Leatherette Rolls



ASSORTMENT.

One each as below.

Set A12....4, 5, 6, 7, 8, Wright's Jennings, Small Clark Expansive, Superior S. D. Bit.

Set A14....4, 6, 8, 10, 12, Wright's Jennings, Large Clark Expansive, Superior S. D. Bit.

Set C12....4, 5, 6, 7, 8, Wright's Solid Center, Small Clark Expansive, Superior S. D. Bit.

Set C14....4, 6, 8, 10, 12, Wright's Solid Center, Large Clark Expansive, Superior S. D. Bit.

Both of these rolls are heavy grade leatherette. These sets have been selected to give the user the greatest usefulness as well as a long life of service.

WRIGHT'S PATENT COUNTERBORE No. 80



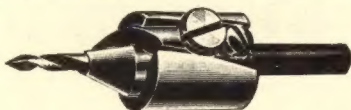
This improved counterbore incorporates many novel features which in combination produce a wonderfully efficient tool for use in boat building, cabinet work or any construction which requires a bung over the fastening. It combines drilling to guide the fastening and counterboring for the bung into a single operation. The tool is made with $\frac{1}{4}$ in. round shank for use in small electric, hand or breast drills.

It has the extension lip which has proven to be the superior form of cutting edge for wood boring tools. The depths which the drill and counterbore cut are both adjustable. The stop which determines depth of counterbore is of novel construction having a chipway which is always in perfect relation to the flute of the bit thus allowing the chips free exit and prevents their accumulating under the stop.

$\frac{3}{8}$ inch Diameter with No. 36 Drill,	$\frac{1}{4}$ inch Shank,	\$3.00 Each
$\frac{7}{16}$ " " " No. 32 "	$\frac{1}{4}$ " "	3.50 "
$\frac{1}{2}$ " " " No. 30 "	$\frac{1}{4}$ " "	4.00 "
$\frac{5}{8}$ " " " No. 25 "	$\frac{3}{8}$ " "	5.00 "
$\frac{3}{4}$ " " " No. 18 "	$\frac{1}{2}$ " "	6.00 "

Fitted with Drills larger than above specifications at an extra charge of 20%.

WRIGHT'S PATENT COUNTERSINK No. 85



$\frac{1}{2}$ inch Diameter, with No. 30 Drill,	$\frac{1}{4}$ inch Shank,	\$4.00 Each
$\frac{5}{8}$ " " " No. 18 " 5-16 "	" "	5.00 "

Fitted with Drills larger than above specifications at an extra charge of 20%.

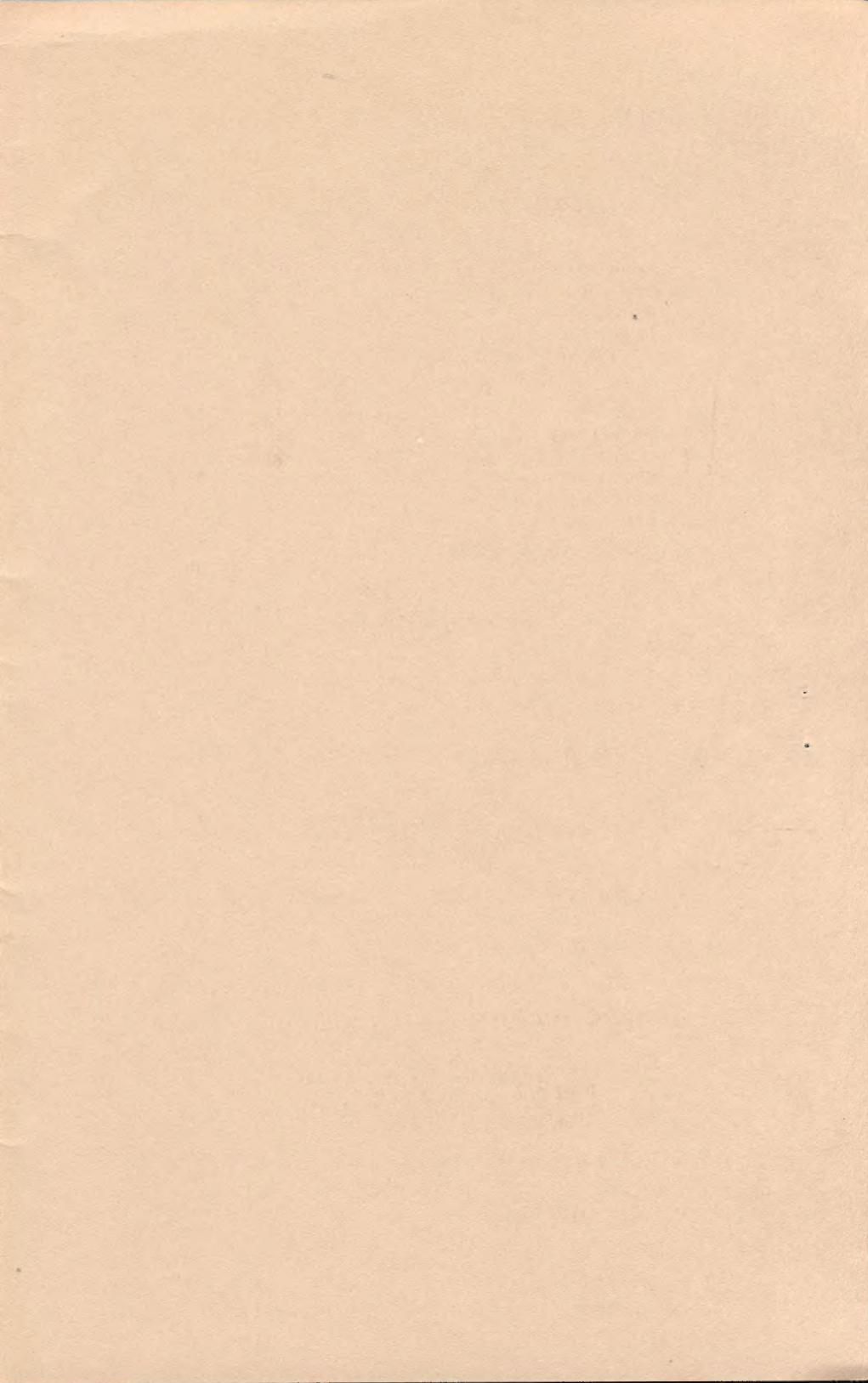
WRIGHT'S WOOD PLUG CUTTER No. 90



This tool is used for making wood plugs or dowels up to two inches long. Has a $\frac{1}{4}$ inch shank.

This is an especially handy tool.

Made in two sizes	$\frac{3}{8}$ inch	\$2.50 each
	$\frac{1}{2}$ inch	3.00 each





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